

Central Valley Flood Protection Board Update

September 25, 2015

Presented by:

Michael Mierzwa, P.E.

Michael.Mierzwa@water.ca.gov

Lead Flood Management Planner

California Department of Water Resources

Today's Discussion

Where We've Been

- Hydrologic Variability/Climate Change Approach

Where We Are

- Regional Flood Management Planning Update

Where We're Going

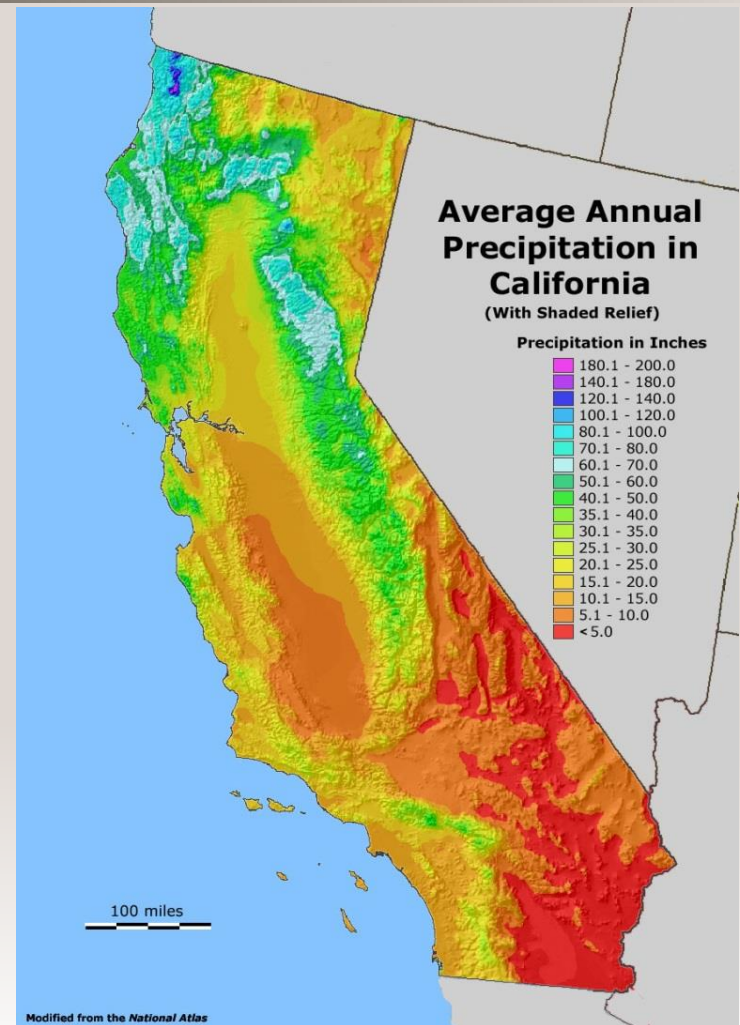
- Public Review and Refinement of Draft Conservation Strategy

Where We've Been

Hydrologic Variability/Climate Change Approach

Climate Change Approach for 2017 CVFPP

- Refinement using a multi-phased approach
- Uses latest science and data
- Integrates existing hydrologic and flood risk approaches
- Consistent with State's climate change policies



Where We Are

Regional Flood Management Planning Update



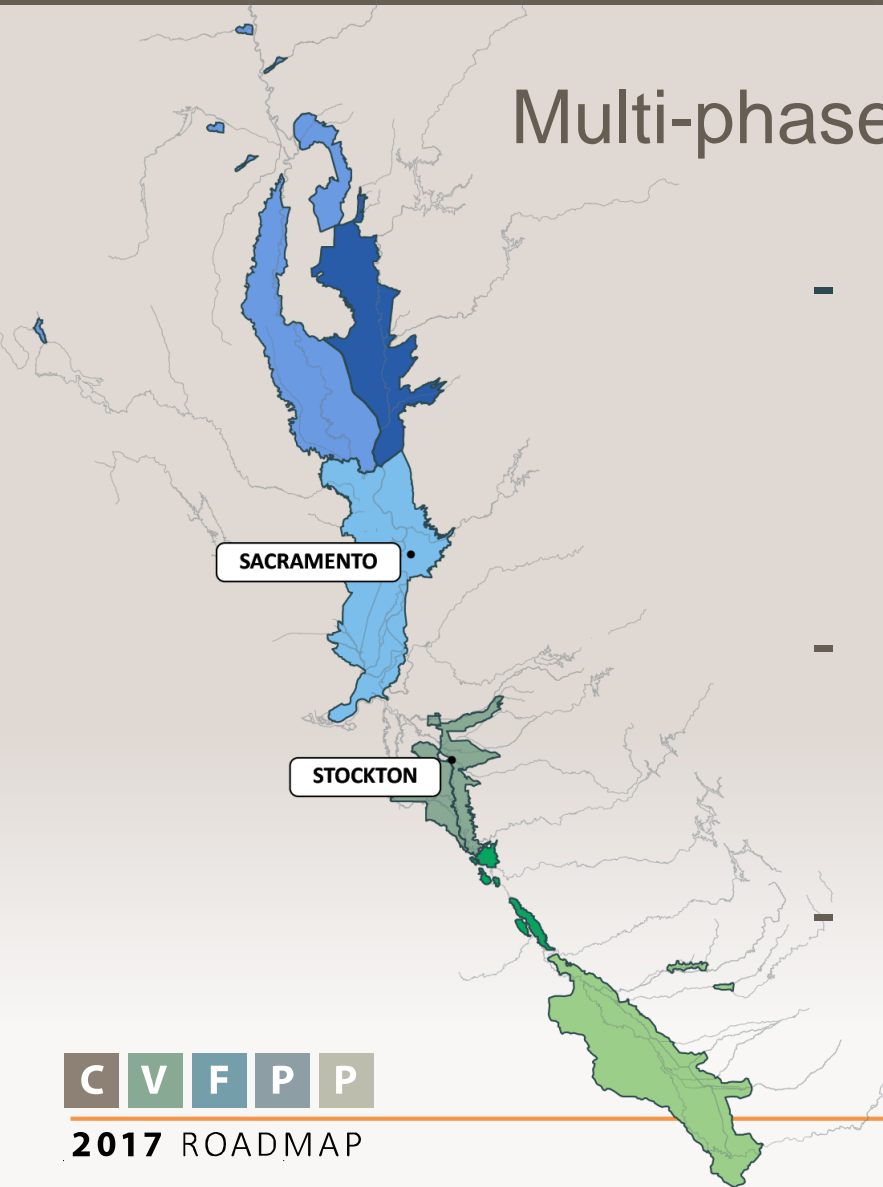
2017 ROADMAP



Regional Planning Overview

Multi-phase planning effort designed to:

- Identify challenges and opportunities; establish regional vision
- Engage variety of interests to write/tell a unifying story
- Build advocacy to rally for support and funding



Phases of Regional Planning Effort

- **Phase 1** (*Complete*)
 - Focused on developing regional plans
- **Phase 2** (*Initiated*)
 - Strengthening integration of plans with other activities
 - Project management, coordination, communications/ engagement, regional governance, institutional barriers

Value of this Work

- Provides sound foundation and justification for sustainable flood management investment
- Shapes implementation programs to be more responsive to local, regional and systemwide needs



Purpose of Phase 1 Initial RFMP Review

EXAMPLE MANAGEMENT ACTIONS CATEGORIES



EMERGENCY MANAGEMENT



FLOOD INFRASTRUCTURE



OPERATIONS AND
MAINTENANCE

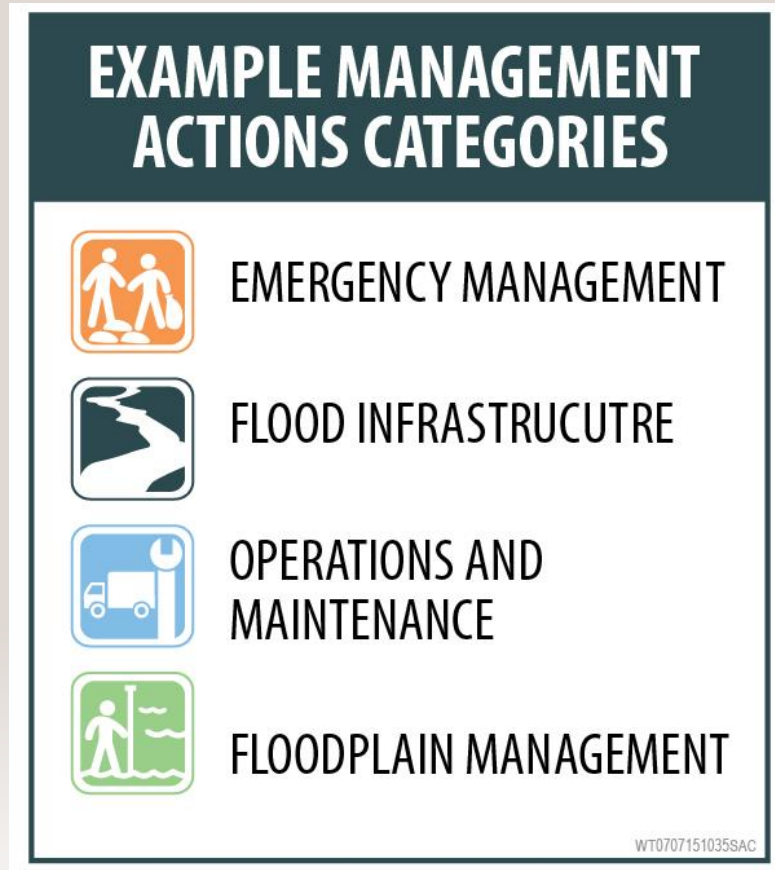


FLOODPLAIN MANAGEMENT

WT0707151035SAC

- Establish dataset from which management actions portfolios can be built
- Better understand regional challenges and approaches to improve flood management
- Consider how actions may contribute to CVFPP goals, State's intended outcomes

Focusing on Outcomes



**Public
Safety**



**Economic
Stability**



**Ecosystem
Vitality**



**Enriching
Experiences**

Detailed Review Framework Criteria

- SPFC Facility
- Investment Needs and Management Action
General Information
- Management Action Characteristics
- Funding Opportunities
- Potential State Interest
- Other Criteria that Support State Interest

High-Level Findings

- RFMPs identified 580+ proposed management actions, estimated cost near \$14 billion
- Status of actions ranges from prefeasibility studies to construction, vary in terms of timing and cost
- All RFMPs prioritized management actions, but methodology varied in detail, complexity, specificity

Comparison of Plans

Major Problem Summary

- Infrastructure
- O&M
- Emergency Management
- Governance
- Environmental Compliance and Regulatory Issues
- Funding Limitations



Comparison of Plans

Proposed Project Summary

- Unique Features
 - Single-Purpose
 - Multi-Benefit
 - Bundled
- Prioritization of Projects



Comparison of Plans

Demographics and Social Vulnerability Summary

- Place Inequalities
- Social Inequalities
- Levels of Protection
- Disadvantaged Communities
- Small Communities



RFMP Role in Binder Review, Refinement

- Regional leads tasked with reviewing binder for accuracy and to add detail where possible
- DWR will work with RFMPs to refine management actions and build portfolios
- Engagement with other stakeholders this fall
- Meanwhile, current implementation pathways remain intact

FMA Regional Planning Session



- September 10, 2015
- Representatives from each planning region
- Discussion focused on value and challenges of regional planning

RFMP Engagement Next Steps

Aug. – Oct.

Nov. – Jan. 2016

Feb. – June 2016

Step 1

- Review Binder with RFMP leads for accuracy

Step 2

- Broader RFMP stakeholder engagement

Step 3

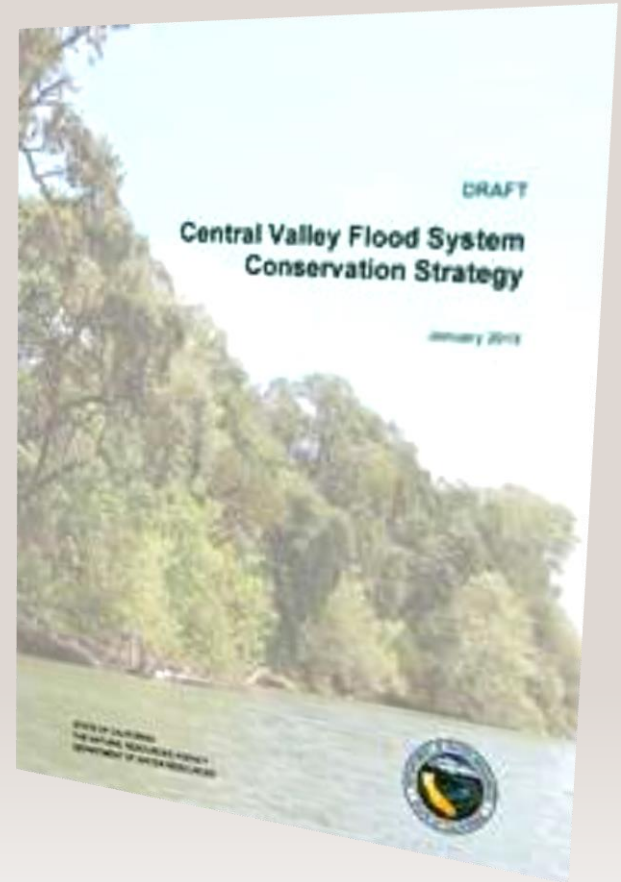
- Refinement/bundling of management actions for CVFPP

Where We're Going

Public Review and Refinement of Draft Conservation Strategy

Public Review of Draft Conservation Strategy

- Comment period now closed
- October 9 CVFPB workshop to summarize comments received
- October 23 CVFPB meeting presentation will include summary of workshop discussion and next steps



Central Valley Flood Protection Board Update

September 25, 2015

Presented by:

Michael Mierzwa, P.E.

Michael.Mierzwa@water.ca.gov

Lead Flood Management Planner

California Department of Water Resources